

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03035

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01D57/02 A01D80/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 199 358 B1 (MAJKRZAK DAVID S) 13 March 2001 (2001-03-13) cited in the application column 2, line 30 -column 4, line 21; figures	2-12
A	EP 0 475 405 A (KLOECKNER HUMBOLDT DEUTZ AG) 18 March 1992 (1992-03-18) column 4, line 6 -column 5, line 16; figures 1-3	2-12
A	DE 12 16 601 B (HANS KRAMER) 12 May 1966 (1966-05-12) the whole document	2
A	US 5 595 052 A (JASPER EDWARD P ET AL) 21 January 1997 (1997-01-21) column 2, line 2-39; figure 1	2
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

4 December 2003

Date of mailing of the international search report

17/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl
Fax (+31-70) 340-3016

Authorized officer

Schlichting, N

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 199 357 B1 (BLOOM MAX R) 13 March 2001 (2001-03-13) abstract; figures	2
A	US 4 901 511 A (YARMASHEV JURY N ET AL) 20 February 1990 (1990-02-20) column 5, line 55 -column 6, line 29; figures 2-8	2

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6199358	B1	13-03-2001	US 2001009093 A1	26-07-2001
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			DE 4109451 A1	24-09-1992
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US 5595052	A	21-01-1997	NONE	
US 6199357	B1	13-03-2001	NONE	
US 4901511	A	20-02-1990	NONE	